\_\_\_\_\_\_

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2009; month=10; day=23; hr=16; min=10; sec=31; ms=874;]

\_\_\_\_\_\_

## Validated By CRFValidator v 1.0.3

Application No: 10528833 Version No: 2.0

Input Set:

Output Set:

**Started:** 2009-10-23 15:57:20.552 **Finished:** 2009-10-23 15:57:38.760

**Elapsed:** 0 hr(s) 0 min(s) 18 sec(s) 208 ms

Total Warnings: 25

Total Errors: 0
No. of SeqIDs Defined: 33

Actual SeqID Count: 33

Error code		Error Description									
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(1)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(2)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(3)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(4)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(5)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(6)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(7)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(8)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(9)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(10)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(11)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(12)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(13)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(14)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(15)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(16)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(17)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(18)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(19)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(20)

## Input Set:

## Output Set:

**Started:** 2009-10-23 15:57:20.552

Finished: 2009-10-23 15:57:38.760

**Elapsed:** 0 hr(s) 0 min(s) 18 sec(s) 208 ms

Total Warnings: 25

Total Errors: 0

No. of SeqIDs Defined: 33

Actual SeqID Count: 33

Error code Error Description

This error has occured more than 20 times, will not be displayed

 $\mathbb{W}$  402 Undefined organism found in <213> in SEQ ID (24)

## SEQUENCE LISTING

```
<110> DURANTEL, DAVID
<120> METHOD FOR ASSAYING REPLICATION OF HBV AND TESTING SUSCEPTBILITY
     OF DRUGS
<130> P08599US00/BAS
<140> 10528833
<141> 2006-06-16
<150> PCT/EP2003/012398
<151> 2003-09-26
<150> EP 02356188.9
<151> 2002-09-27
<160> 33
<170> PatentIn version 3.2
<210> 1
<211> 36
<212> DNA
<213> Artificial
<220>
<223> OLGIONUCLEOTIDE
<400> 1
tgcgcaccgc ggccgcgcaa ctttttcacc tctgcc
                                           36
<210> 2
<211> 36
<212> DNA
<213> Artificial
<220>
<223> OLIGONUCLEOTIDE
<400> 2
tgcgcaccag ggcgcgccaa cttttcacc tctgcc
                                            36
<210> 3
<211> 36
<212> DNA
<213> Artificial
<220>
<223> OLIGONUCLEOTIDE
<400> 3
```

tgcgcacccc tgcagggcaa ctttttcacc tctgcc

```
<210> 4
<211> 36
<212> DNA
<213> Artificial
<220>
<223> OLIGONUCLEOTIDE
<400> 4
                                             36
tgcgcaccag gtttaaacaa ctttttcacc tctgcc
<210> 5
<211> 36
<212> DNA
<213> Artificial
<220>
<223> OLIGONUCLEOTIDE
<400> 5
tgcgcaccag cggccgccaa ctttttcacc tctgcc
                                             36
<210> 6
<211> 36
<212> DNA
<213> Artificial
<220>
<223> OLIGONUCLEOTIDE
<400> 6
tgcgcaccac ctgcaggcaa ctttttcacc tctgcc
<210> 7
<211> 36
<212> DNA
<213> Artificial
<220>
<223> OLIGONUCLEOTIDE
<400> 7
tgccacccag gtttaaacaa ctttttcacc tctgcc
                                             36
<210> 8
<211> 36
<212> DNA
<213> Artificial
<220>
```

<223> OLIGONUCLEOTIDE

```
<400> 8
tgcgcaccag gcgcgcccaa ctttttcacc tctgcc
                                           36
<210> 9
<211> 36
<212> DNA
<213> Artificial
<220>
<223> OLIGONUCLEOTIDE
<400> 9
tgcgcacggc gcgcctgcaa ctttttcacc tctgcc
<210> 10
<211> 36
<212> DNA
<213> Artificial
<220>
<223> OLIGONUCLEOTIDE
<400> 10
tgcgcaccct gcaggtgcaa ctttttcacc tctgcc
                                           36
<210> 11
<211> 36
<212> DNA
<213> Artificial
<220>
<223> OLIGONUCLEOTIDE
<400> 11
tgcgcaccgc ggccgcgcaa ctttttcacc tctgcc
                                           36
<210> 12
<211> 36
<212> DNA
<213> Artificial
<220>
<223> OLIGONUCLEOTIDE
<400> 12
tgcgcaccat taattaacaa ctttttcacc tctgcc
<210> 13
<211> 24
<212> DNA
```

<213> Artificial

<220>				
<223>	OLIGONUCLEOTIDE			
<400>	13			
ggcagg	cacas cctagcagcc	ataa	24	
555		5 5		
<210>	1.4			
<211>				
<212>				
	Artificial			
\213/	AICILICIAL			
<220>				
	OT TOOMIST DOWNER			
<2Z3>	OLIGONUCLEOTIDE			
. 1005	1.4			
<400>				
ggcag	cacas ccgagcagcc	atgg	24	
<210>				
<211>	23			
<212>	DNA			
<213>	Artificial			
<220>				
<223>	OLIGONUCLEOTIDE			
<400>	15			
acmtc	stttc catggctgct	agg	23	
<210>	16			
<211>	23			
<212>	DNA			
<213>	Artificial			
<220>				
<223>	OLIGONUCLEOTIDE			
<400>	16			
acmtcs	stttc catggctgct	caa	23	
<210>	17			
<211>				
<212>				
	Artificial			
<220>				
	OLIGONUCLEOTIDE			
<400>	17			
	ggtcg acgatacaga	acMasaac	aa	30
ccaage	gyrcy acyaracaya	gcwgaggcg	19	50

```
<211> 30
<212> DNA
<213> Artificial
<220>
<223> OLIGONUCLEOTIDE
<400> 18
ctaagggtcg acgatacaga gcwgaggcgg
                                     30
<210> 19
<211> 30
<212> DNA
<213> Artificial
<220>
<223> OLIGONUCLEOTIDE
<400> 19
taaacaatgc atgaaccttt accccgttgc
                                   30
<210> 20
<211> 43
<212> DNA
<213> Artificial
<220>
<223> OLIGONUCLEOTIDE
<400> 20
ccggaaagct tatgctcttc tttttcacct ctgcctaatc atc
                                                  43
<210> 21
<211> 42
<212> DNA
<213> Artificial
<220>
<223> OLIGONUCLEOTIDE
<400> 21
ccggagagct catgctcttc aaaaagttgc atggtgctgg tg
                                                   42
<210> 22
<211> 30
<212> DNA
<213> Artificial
<220>
<223> OLIGONUCLEOTIDE
<400> 22
gctcttcttt ttcacctctg cctaatcatc
                                     30
```

```
<211> 29
<212> DNA
<213> Artificial
<220>
<223> OLIGONUCLEOTIDE
<400> 23
gctcttcaaa aagttgcatg gtgctggtg
                                   29
<210> 24
<211> 42
<212> DNA
<213> Gallus sp.
<400> 24
cggccctata aaaagcgaag cgcgcggcgg gcgggagtcg ct
<210> 25
<211> 34
<212> DNA
<213> Human cytomegalovirus
<400> 25
tatataagca gagctcgttt agtgaaccgt caga
<210> 26
<211> 34
<212> DNA
<213> Homo sapiens
<400> 26
tatataagga cgcgccgggt gtggcacagc tagt
                                           34
<210> 27
<211> 33
<212> DNA
<213> Homo sapiens
<400> 27
tatataagtg cagtagtcgc cgtgaacgtt ctt
                                          33
<210> 28
<211> 34
<212> DNA
<213> Simian virus 40
<400> 28
gactaatttt ttttatttat gcagaggccg aggc
```

<210> 23

```
<210> 29
<211> 33
<212> DNA
<213> Rous sarcoma virus
<400> 29
tatttaagtg cctagctcga tacaataaac gcc
                                        33
<210> 30
<211> 42
<212> DNA
<213> Artificial
<220>
<223> OLIGONUCLEOTIDE
<400> 30
cggccctata aaaagcgaag cgcgcggccg ccgggagtcg ct
<210> 31
<211> 44
<212> DNA
<213> Hepatitis B virus
<400> 31
tgcgcaccag caccatgcaa ctttttcacc tctgcctaat catc
<210> 32
<211> 44
<212> DNA
<213> Hepatitis B virus
<400> 32
acgcgtggtc gtggtacgtt gaaaaagtgg agacggatta gtag 44
<210> 33
<211> 9
<212> DNA
<213> Hepatitis B virus
<400> 33
ttgaaaaag
                 9
```